

## Special Issue

# Innovative and Sustainable Planning, Control and Optimization Methods for Urban Transportation System

### Message from the Guest Editors

Urban residents hope to improve the efficiency of the transportation system in order to reduce travel time. Conversely, transportation systems inevitably produce carbon emissions and affect the social environment. In recent years, the ownership of electric vehicles and connected autonomous vehicles has continued to increase, which can not only significantly reduce the carbon emissions of vehicles, but also make urban transportation smarter. As such, scholars must propose more innovative methods for urban transportation systems in order to improve the efficiency and sustainability simultaneously. In this Special Issue, we invite researchers to submit research and reviews related to urban transportation systems. Potential topics include, but are not limited to, the following: Electrified transportation system Sustainable transit system Multi-mode transportation system Adaptive traffic signal control Data mining and big data in transportation system Urban transportation infrastructure planning Innovative methods for traffic safety and operations Environmental impacts of transportation system Eco-friendly mobility for urban vehicles

### Guest Editors

Prof. Dr. Yiming Bie

Dr. Hu Zhang

Dr. Shidong Liang

### Deadline for manuscript submissions

closed (2 July 2025)



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